



Bublication

Certificate of

## INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS | ISSN: 2320 - 2882

An International Open Access, Peer-reviewed, Refereed Journal

The Board of

International Journal of Creative Research Thoughts

Is hereby awarding this certificate to

T. Ragunthar

In recognition of the publication of the paper entitled

IMPROVEDDE DUPLICATION IN CLOUD USING HDFS STORAGE PROVIDERS

Published In IJCRT (www.ijert.org) & 7.97 Impact Factor by Google Scholar

Volume 5 Issue 4 December 2017, Date of Publication: 12-December-2017

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT1704338

Registration ID: 170847

Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.97 (Calculate by google scholar and Semantic Scholar | AI-Powered Research Tool), Multidisciplinary, Monthly Journal

ISSN 2320-2882

**JJCRT** 



INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS | IJCRT An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal Website: www.ijcrt.org | Email id: editor@ijcrt.org | ESTD: 2013



EDITOR IN CHIEF





Bublication

Certificate of

## INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS | ISSN: 2320 - 2882

An International Open Access, Peer-reviewed, Refereed Journal

The Board of

International Journal of Creative Research Thoughts

Is hereby awarding this certificate to

S. Selvakumar

In recognition of the publication of the paper entitled

## IMPROVEDDE DUPLICATION IN CLOUD USING HDFS STORAGE PROVIDERS

Published In IJCRT (www.ijert.org) & 7.97 Impact Factor by Google Scholar

Volume 5 Issue 4 December 2017, Date of Publication: 12-December-2017

UGC Approved Journal No: 49023 (18)

PAPER ID : IJCRT1704338

Registration ID: 170847

Creative Research Thought ISSN 2320-2882 IJCRT IJCRT

EDITOR IN CHIEF

Scholarly open access journals, Peer-reviewed, and Refereed Journals, Impact factor 7.97 (Calculate by google scholar and Semantic Scholar | Al-Powered Research Tool), Multidisciplinary, Monthly Journal



INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS | IJCRT An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal Website: www.ijcrt.org | Email id: editor@ijcrt.org | ESTD: 2013

